

BRAZIL



- Leading economic power of Latin America
- Developing economy
 - Industrialized along coast
 - Largely unpopulated in western Amazon

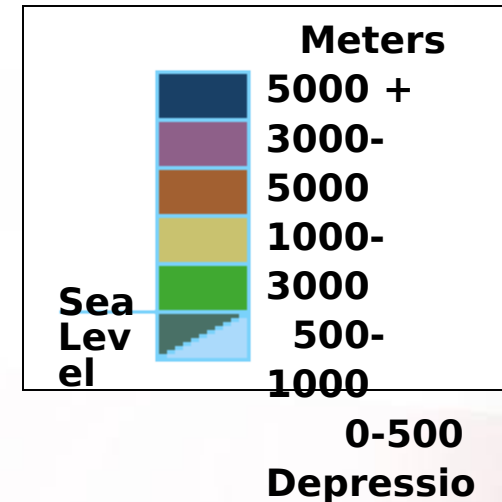


Brazil: Environmental Issues

- Topography
- Climate



**Mostly tropical,
but temperate in
south**



**Mostly flat to rolling
lowlands in north; some
plains, hills, mountains,
and narrow coastal belt**

***lowest point: Atlantic
Ocean 0 m***

***highest point: Pico da
Neblina 3,014 m²***

Brazil: Environmental Issues

- Industries
 - Industrial base concentrated in southeast
 - Mining in central west and north
- Water
 - Surface water contamination
 - Raw sewage
 - Mercury and cyanide due to gold mining
 - Heavy metals due to ferrous metals industry

Brazil: Environmental Issues

- Food
 - Mercury contamination of freshwater fish from gold mining
 - Contaminated shellfish caused by algal toxins, sometimes seen as “red tides”
- Air
 - Air pollution from rapid urbanization
- Soil
 - Localized contamination near industry and waste disposal sites

Brazil: Environmental Issues

- Greatest short-term environmental health risks
 - Water contaminated with raw sewage or runoff
 - Urban air pollution
- Greatest long-term environmental health risks
 - Chronic ingestion of mercury in contaminated food and water

Brazil: Diseases of Operational Importance

- High risk country
- Diseases of greatest risk
 - Food and water-borne: bacterial diarrhea, protozoal diarrhea, hepatitis A
 - Vector-borne: Oropouche virus, dengue fever, malaria

Brazil: Diseases of Operational Importance

- Diseases of potential risk
 - Food and water-borne: brucellosis, cholera, hepatitis E, protozoal diarrhea, typhoid/paratyphoid fever
 - Vector-borne: filariasis, leishmaniasis, Mansonellosis, Mayaro virus, onchocerciasis, plague, Rocio encephalitis, yellow fever
 - Sexually transmitted: gonorrhea/chlamydia, hepatitis B, HIV/AIDS
 - Water contact: leptospirosis, schistosomiasis
 - Respiratory: tuberculosis
 - Soil contact: hantavirus pulmonary syndrome
 - Animal contact: rabies